

RAW SEQUENCE LISTING

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Information Center (STIC) no errors detected.**

Application Serial Number: 09/613, 177
Source: IFW16
Date Processed by STIC: 04/12/2007

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IFW16

RAW SEQUENCE LISTING

DATE: 04/12/2007

PATENT APPLICATION: US/09/613,177

TIME: 13:36:32

Input Set : N:\Crif3\RULE60\09613177.RAW

Output Set: N:\CRF4\04122007\I613177.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: HARADA, SHUN-ICHI

6 SAMPATH, T. K.

7 RODAN, GIDEON A.

9 (ii) TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR IDENTIFYING

10 MORPHOGEN ANALOGS

12 (iii) NUMBER OF SEQUENCES: 10

14 (iv) CORRESPONDENCE ADDRESS:

15 (A) ADDRESSEE: PATENT ADMINISTRATOR, CREATIVE BIOMOLECULES

16 (B) STREET: 45 SOUTH STREET

17 (C) CITY: HOPKINTON

18 (D) STATE: MA

19 (E) COUNTRY: USA

20 (F) ZIP: 01748

22 (v) COMPUTER READABLE FORM:

23 (A) MEDIUM TYPE: Floppy disk

24 (B) COMPUTER: IBM PC compatible

25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

26 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

28 (vi) CURRENT APPLICATION DATA:

C--> 29 (A) APPLICATION NUMBER: US/09/613,177

C--> 30 (B) FILING DATE: 10-Jul-2000

W--> 36 (C) CLASSIFICATION: 435

33 (vii) PRIOR APPLICATION DATA:

34 (A) APPLICATION NUMBER: US/08/764,522

35 (B) FILING DATE: 12-Dec-1996

38 (viii) ATTORNEY/AGENT INFORMATION:

39 (A) NAME: VITO, CHRISTINE C.

40 (B) REGISTRATION NUMBER: 39,061

41 (C) REFERENCE/DOCKET NUMBER: CRP-126

43 (ix) TELECOMMUNICATION INFORMATION:

44 (A) TELEPHONE: (617)-248-7000

45 (B) TELEFAX: (617)-248-7100

48 (2) INFORMATION FOR SEQ ID NO: 1:

50 (i) SEQUENCE CHARACTERISTICS:

51 (A) LENGTH: 1067 base pairs

52 (B) TYPE: nucleic acid

53 (C) STRANDEDNESS: single

54 (D) TOPOLOGY: linear

56 (ii) MOLECULE TYPE: DNA (genomic)

59 (ix) FEATURE:

60 (A) NAME/KEY: misc_feature

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61          (B) LOCATION: 1..1067
62          (D) OTHER INFORMATION: /product= "MOUSE TYPE 10 COLLAGEN
63 PROMOTER"
64          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
65          TCGATCCTAA AACACTTAAG GATATTTCTG TAAGGCTGTG AAAGAGAAAA CCAACTACTT      60
66          ACACGGATGG AGACCATGTT TATTTCTTTG GGAGAAAAGC CTAATTGGGA CGCTTCGAGA      120
67          TCCCTATAGG AAATTGCACC AGTAGTCAAC TGGATTTTAA AAAGGCAAAG CTTGAGGATT      180
68          TTTTTCCTCC TTTGAAATGA ATGTAGCAAA CTTATGTAAG CACGGAATAG GATTATTAGT      240
69          TAACAGTCTT TTCAATTATA TGGGAAAATG AAAACTAGGG GAGCGTCTAA GGCCACTTGC      300
70          TGACCTTTGT GCAGCTGTTA AGTAAAGAAA GTAAACCCTC CAGGGATACT GAACAGCCAA      360
71          CTGTCATAAG TCCAGGGTGT CTTGCACTTG CTGTGACAAG TTTAAAATAT TTAATATGAC      420
72          TATACCTGAA ATATTTAATG CTATCTTTTT CATGCACCAG CTTCTAAGAG CTTTCCCTAA      480
73          AATCCTGATA TGCAAAAGAA TATACCAATA TTTTCCCCCT TGCCCCCTGGC GCTTGTCTCC      540
74          CAAGTTAGCA AACACTTAGG TAAGCGATTT TTACGAAACT TTTTCCCTA ATAAGTGAAG      600
75          GACTAACATG ATGATTTAGA TCTATATTCT CCCCAAAAGG CGTCTCATAT TTTTGTATAT      660
76          TACCAAATAT TTTCAGTCAA ATAACACAAG AATGTATTTT AAAAATAAAA AGGGTGAATC      720
77          ATCATTCCAT CATGAACCAA CATTGGACTC AGAACTCCTA AAAGGAAAAC AGAAAAA      780
78          AAAAAATCAT GCACAGCCGA AGCTATTAAT ATATAATGGA GACAAAGAGT TTATTTTCA      840
79          ATGAGAATAA CAAGGAAAAA AGCCTGATTT TGTACGCTG CCCGTTAGGA CTTCCCACCA      900
80          TAATTAGTGC TTCTTGCCCC TGAGAGGAGG AGCTTCGGCT CAGGGGAACT TCATGCAATA      960
81          AGGGAAGAAA ACAGTATAAA TACTCCAGGG CAGCCGTGGG GAAGGCATTA TCCACTGCTC      1020
82          CTGGGCAGAG GAAGCCAGGA AAGCTGCCCC ACGCATCTCC CAGCACC      1067
83          (2) INFORMATION FOR SEQ ID NO: 2:
84          (i) SEQUENCE CHARACTERISTICS:
85              (A) LENGTH: 21 base pairs
86              (B) TYPE: nucleic acid
87              (C) STRANDEDNESS: single
88              (D) TOPOLOGY: linear
89          (ii) MOLECULE TYPE: DNA (genomic)
90          (ix) FEATURE:
91              (A) NAME/KEY: misc_feature
92              (B) LOCATION: 1..21
93              (D) OTHER INFORMATION: /product= "AP1 SEQUENCE A"
94          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
95          CGCTTGATGA CTCAGCCGGA A      21
96          (2) INFORMATION FOR SEQ ID NO: 3:
97          (i) SEQUENCE CHARACTERISTICS:
98              (A) LENGTH: 10 base pairs
99              (B) TYPE: nucleic acid
100             (C) STRANDEDNESS: single
101             (D) TOPOLOGY: linear
102          (ii) MOLECULE TYPE: DNA (genomic)
103          (ix) FEATURE:
104              (A) NAME/KEY: misc_feature
105              (B) LOCATION: 1..10
106              (D) OTHER INFORMATION: /product= "AP1 SEQUENCE A MUTATION"
107          (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
108          TTCCTCATCA      10
109          (2) INFORMATION FOR SEQ ID NO: 4:

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148      (i) SEQUENCE CHARACTERISTICS:
149          (A) LENGTH: 25 amino acids
150          (B) TYPE: amino acid
151          (C) STRANDEDNESS: single
152          (D) TOPOLOGY: linear
154      (ii) MOLECULE TYPE: peptide
157      (ix) FEATURE:
158          (A) NAME/KEY: Peptide
159          (B) LOCATION: 1..25
160          (D) OTHER INFORMATION: /note= "Conserved domain of human
161 c-fos"
164      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
166      Lys Val Glu Gln Leu Ser Pro Glu Glu Glu Glu Lys Arg Arg Ile Arg
167      1          5          10          15
169      Arg Ile Arg Asn Lys Met Ala Ala Ala
170      20          25
172 (2) INFORMATION FOR SEQ ID NO: 5:
174      (i) SEQUENCE CHARACTERISTICS:
175          (A) LENGTH: 15 base pairs.
176          (B) TYPE: nucleic acid
177          (C) STRANDEDNESS: single
178          (D) TOPOLOGY: linear
182      (ix) FEATURE:
183          (A) NAME/KEY: misc_feature
184          (B) LOCATION: 1..15
185          (D) OTHER INFORMATION: /product= "AP-1 CONSENSUS SEQUENCE
186 B"
189      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
191 GTGACTCAGC GCGGA 15
193 (2) INFORMATION FOR SEQ ID NO: 6:
195      (i) SEQUENCE CHARACTERISTICS:
196          (A) LENGTH: 11 base pairs
197          (B) TYPE: nucleic acid
198          (C) STRANDEDNESS: single
199          (D) TOPOLOGY: linear
203      (ix) FEATURE:
204          (A) NAME/KEY: misc_feature
205          (B) LOCATION: 1..11
206          (D) OTHER INFORMATION: /product= "MEF-2 CONSENSUS"
209      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
211 CTAAAAATAA C 11
213 (2) INFORMATION FOR SEQ ID NO: 7:
215      (i) SEQUENCE CHARACTERISTICS:
216          (A) LENGTH: 11 base pairs
217          (B) TYPE: nucleic acid
218          (C) STRANDEDNESS: single
219          (D) TOPOLOGY: linear
223      (ix) FEATURE:
224          (A) NAME/KEY: misc_feature

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225         (B) LOCATION: 1..11
226         (D) OTHER INFORMATION: /product= "MEF-2 CONSENSUS MUTANT"
227 OLIGO"
230         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
232 TTAAACATAA A 11
234 (2) INFORMATION FOR SEQ ID NO: 8:
236         (i) SEQUENCE CHARACTERISTICS:
237             (A) LENGTH: 11 base pairs
238             (B) TYPE: nucleic acid
239             (C) STRANDEDNESS: single
240             (D) TOPOLOGY: linear
244         (ix) FEATURE:
245             (A) NAME/KEY: misc_feature
246             (B) LOCATION: 1..11
247             (D) OTHER INFORMATION: /product= "MEF-2 MUTANT CONSENSUS"
250         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
252 CTAAACATAA C 11
254 (2) INFORMATION FOR SEQ ID NO: 9:
256         (i) SEQUENCE CHARACTERISTICS:
257             (A) LENGTH: 11 base pairs
258             (B) TYPE: nucleic acid
259             (C) STRANDEDNESS: single
260             (D) TOPOLOGY: linear
266         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
268 TTAAAAATAA A 11
270 (2) INFORMATION FOR SEQ ID NO: 10:
272         (i) SEQUENCE CHARACTERISTICS:
273             (A) LENGTH: 10 base pairs
274             (B) TYPE: nucleic acid
275             (C) STRANDEDNESS: single
276             (D) TOPOLOGY: linear
282         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
284 TTAAAAATAA 10

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VERIFICATION SUMMARY

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L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:36 M:238 W: Alpha Fields not Ordered, Reordered [(C) CLASSIFICATION:] of (1)(vi)